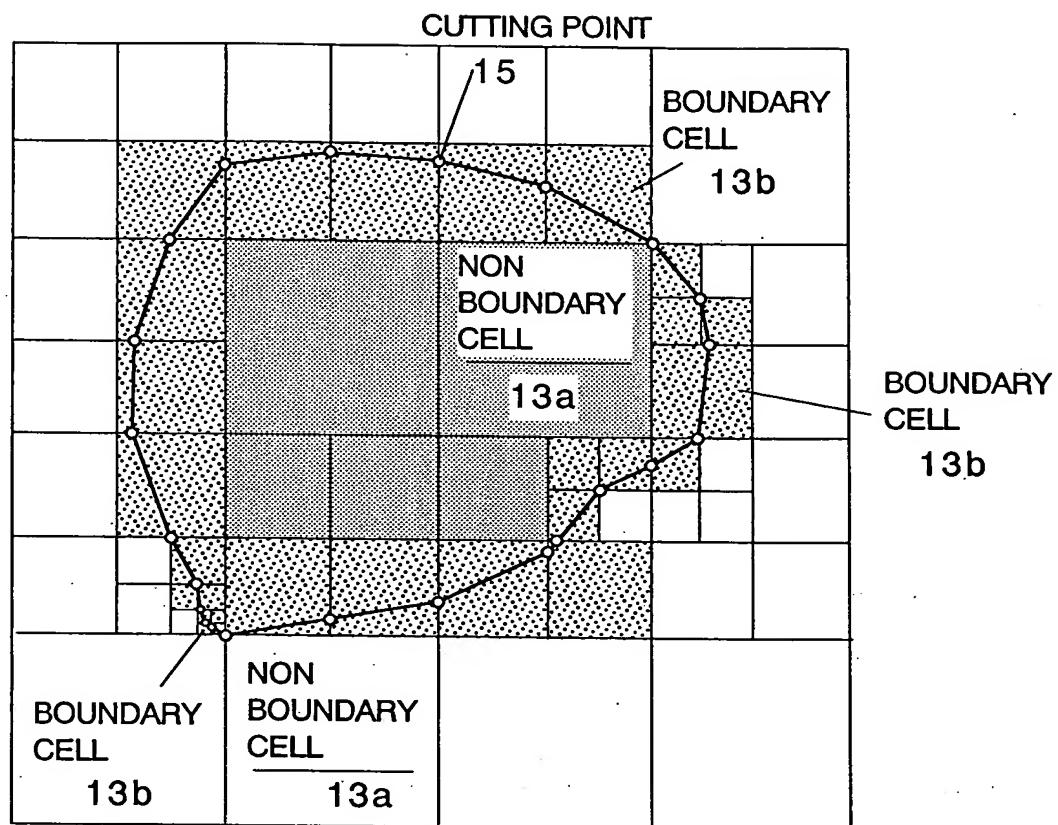
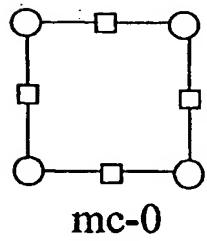
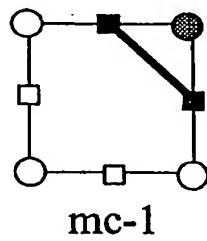
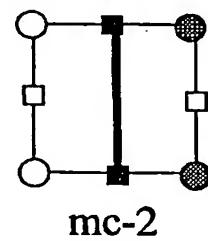
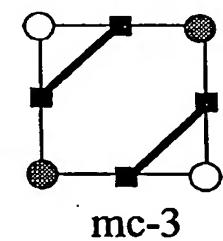
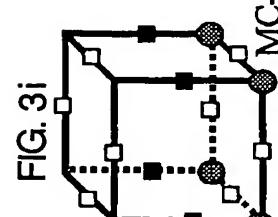
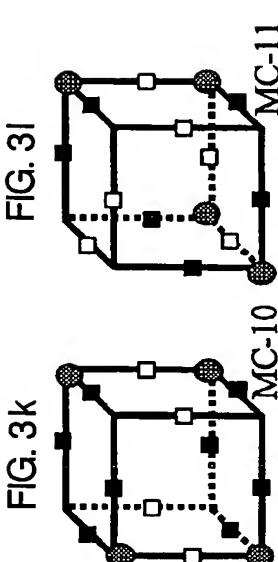
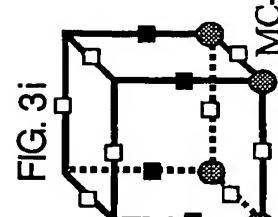
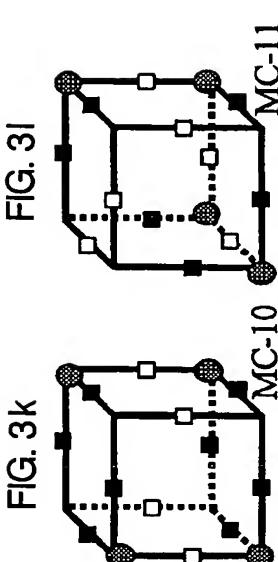
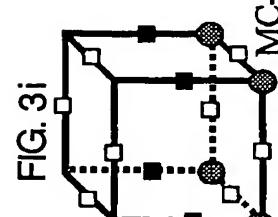
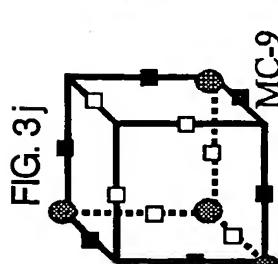
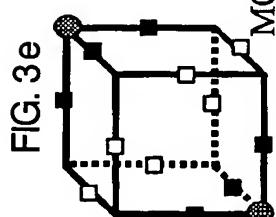
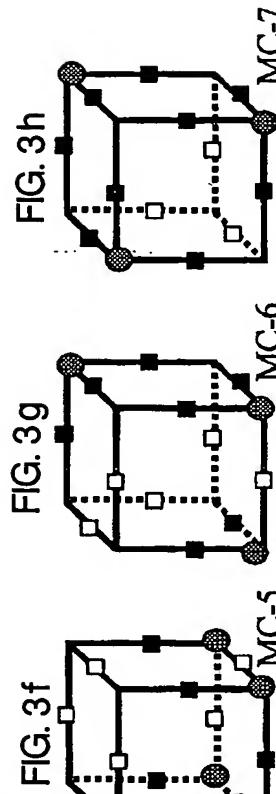
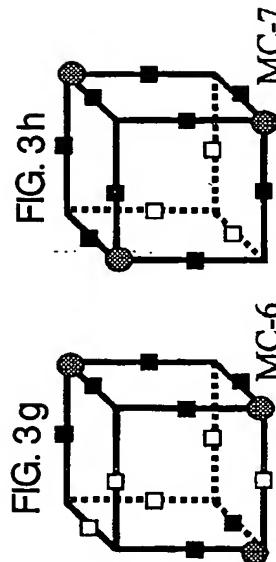
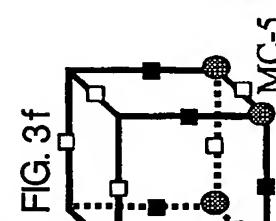
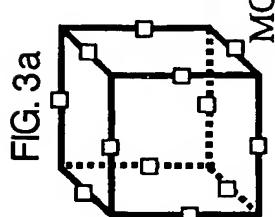
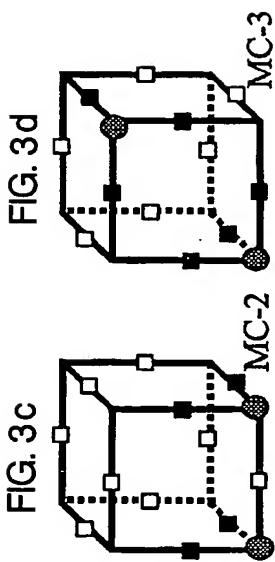
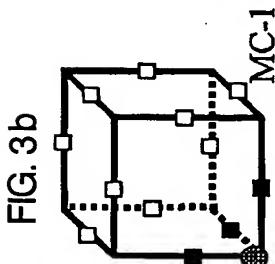
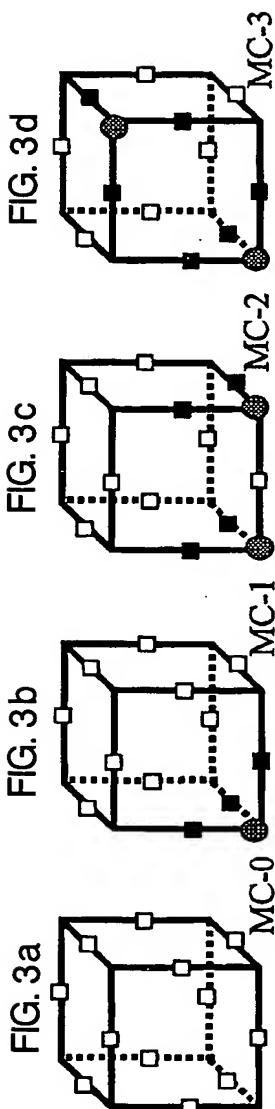


FIG. 1

FIG. 2a  
PRIOR ARTFIG. 2b  
PRIOR ARTFIG. 2c  
PRIOR ARTFIG. 2d  
PRIOR ART

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PRIOR ART

FIG. 4a

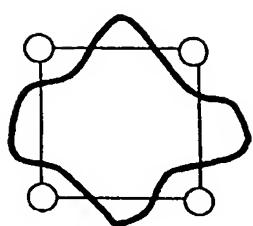


FIG. 4b

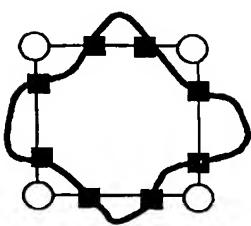


FIG. 4c

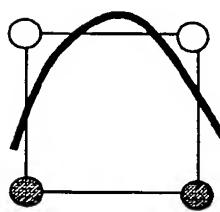
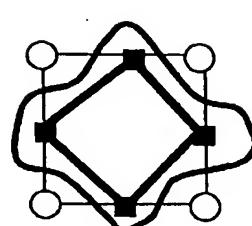


FIG. 4d

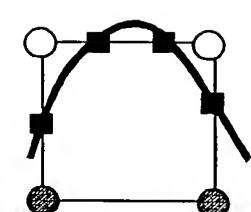


FIG. 4e

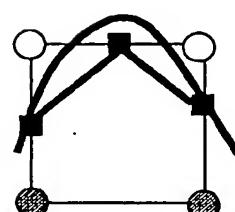


FIG. 4f  
2D-KTC

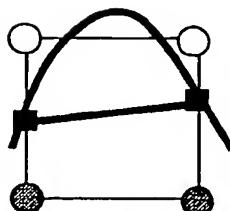
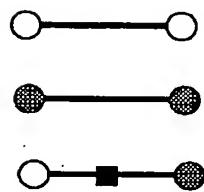


FIG. 4g

2D-MC

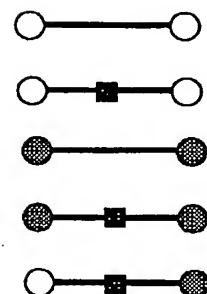
FIG. 5a  
PRIOR ART



(MC)  
NARROW-SENSE

CONDITION THAT NUMBER  
OF CUTTING POINTS ON  
ONE EDGE IS AT MOST ONE

FIG. 5b



(KTC)  
BROAD-SENSE

CONDITION THAT NUMBER  
OF CUTTING POINTS ON  
ONE EDGE IS AT MOST ONE

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FIG. 6

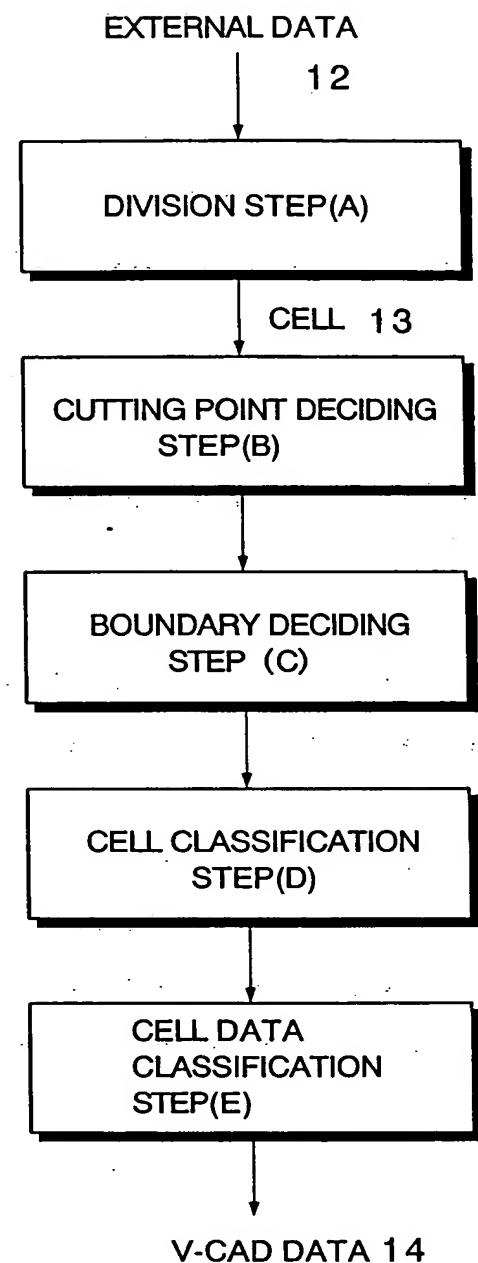


FIG. 7a

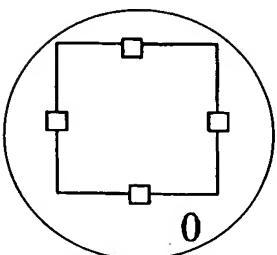


FIG. 7b

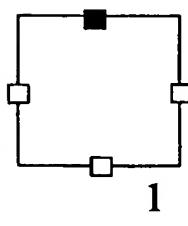


FIG. 7c

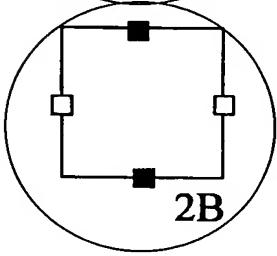
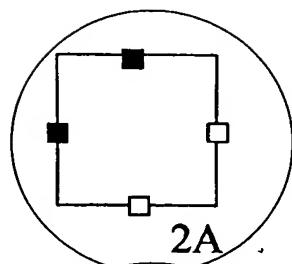


FIG. 7d

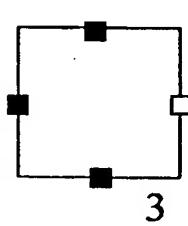


FIG. 7e

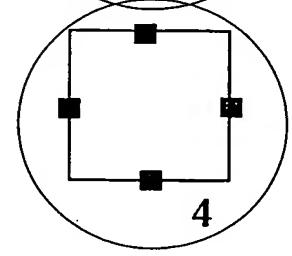
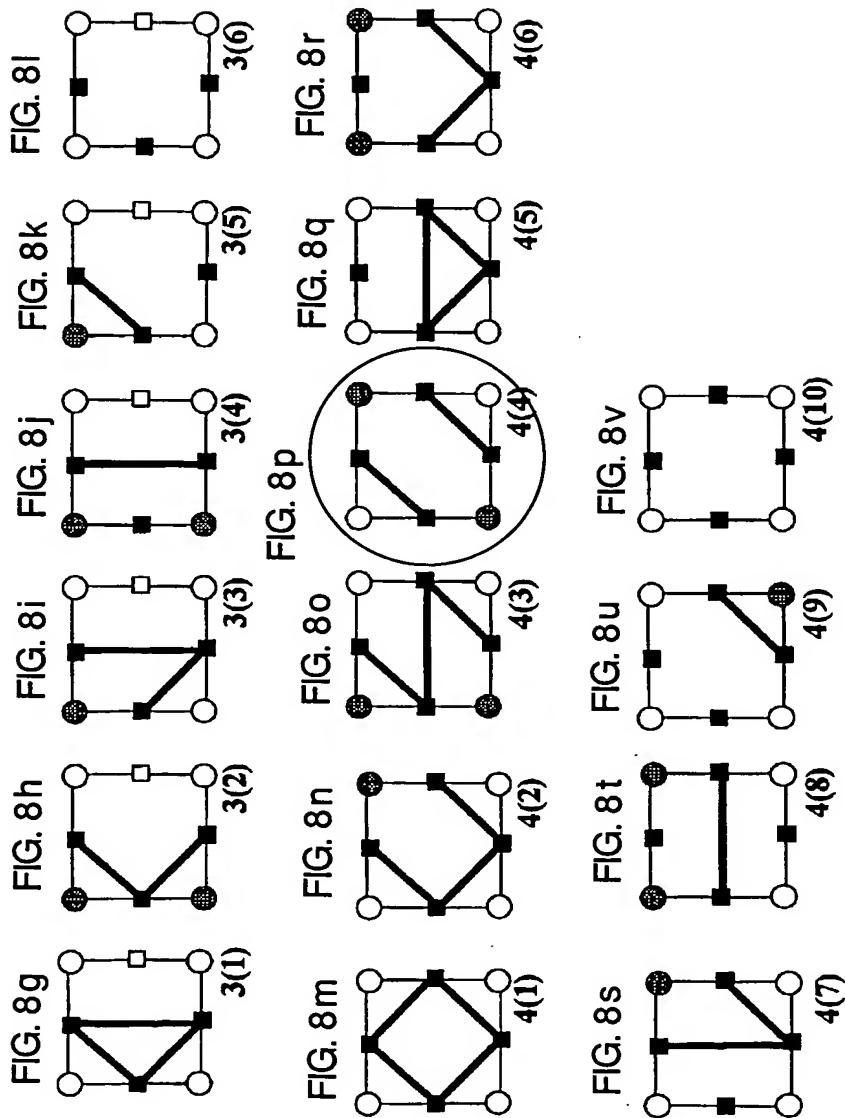
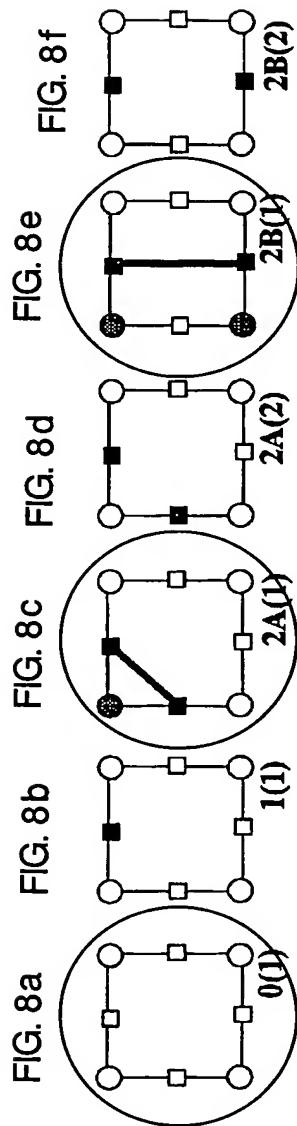


FIG. 7f

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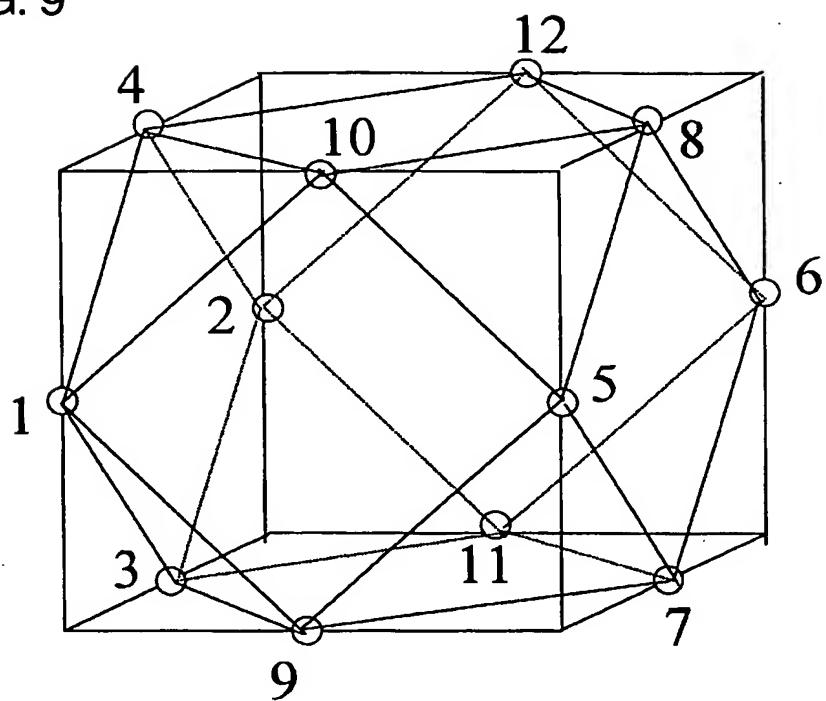
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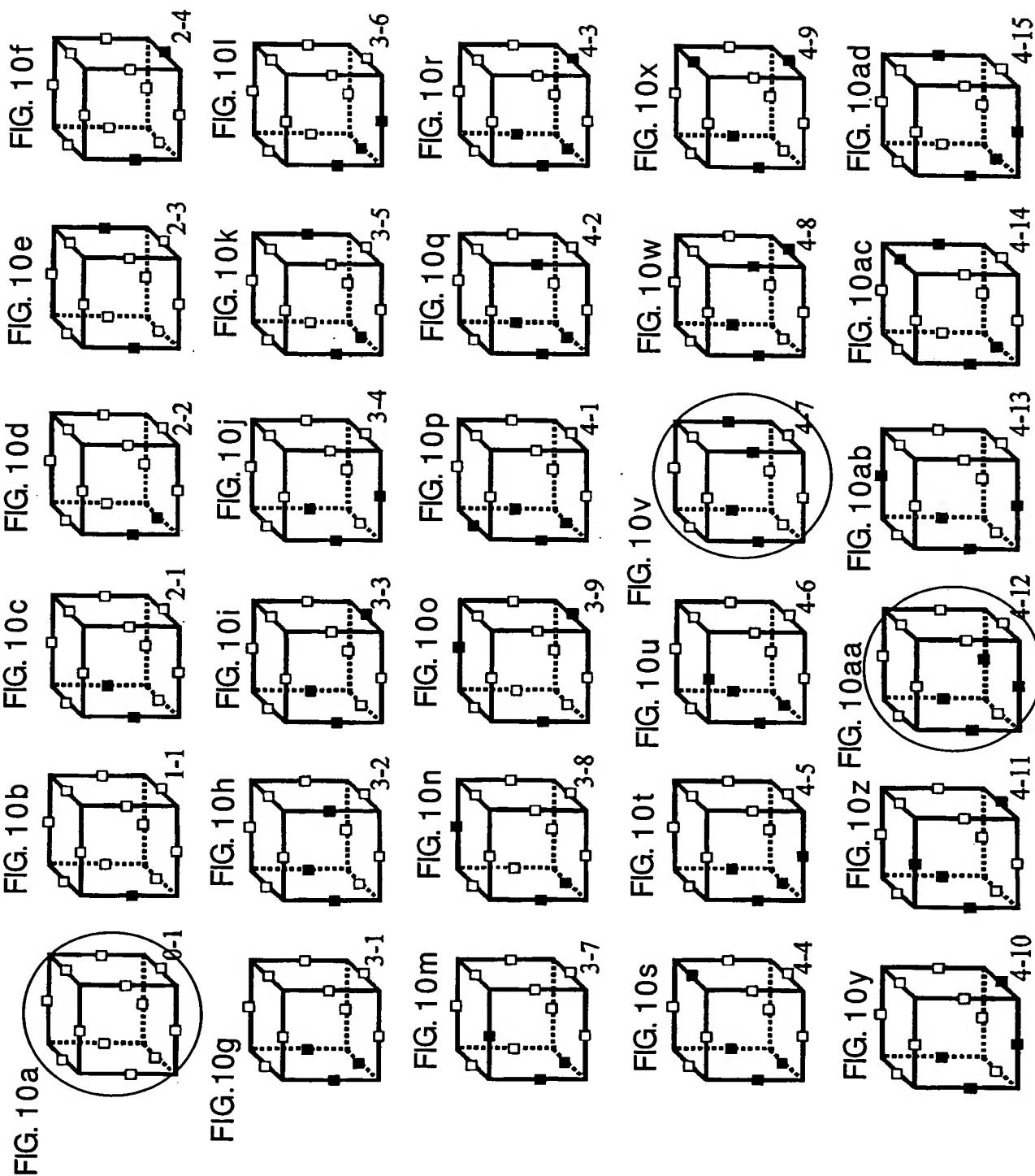


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FIG. 9

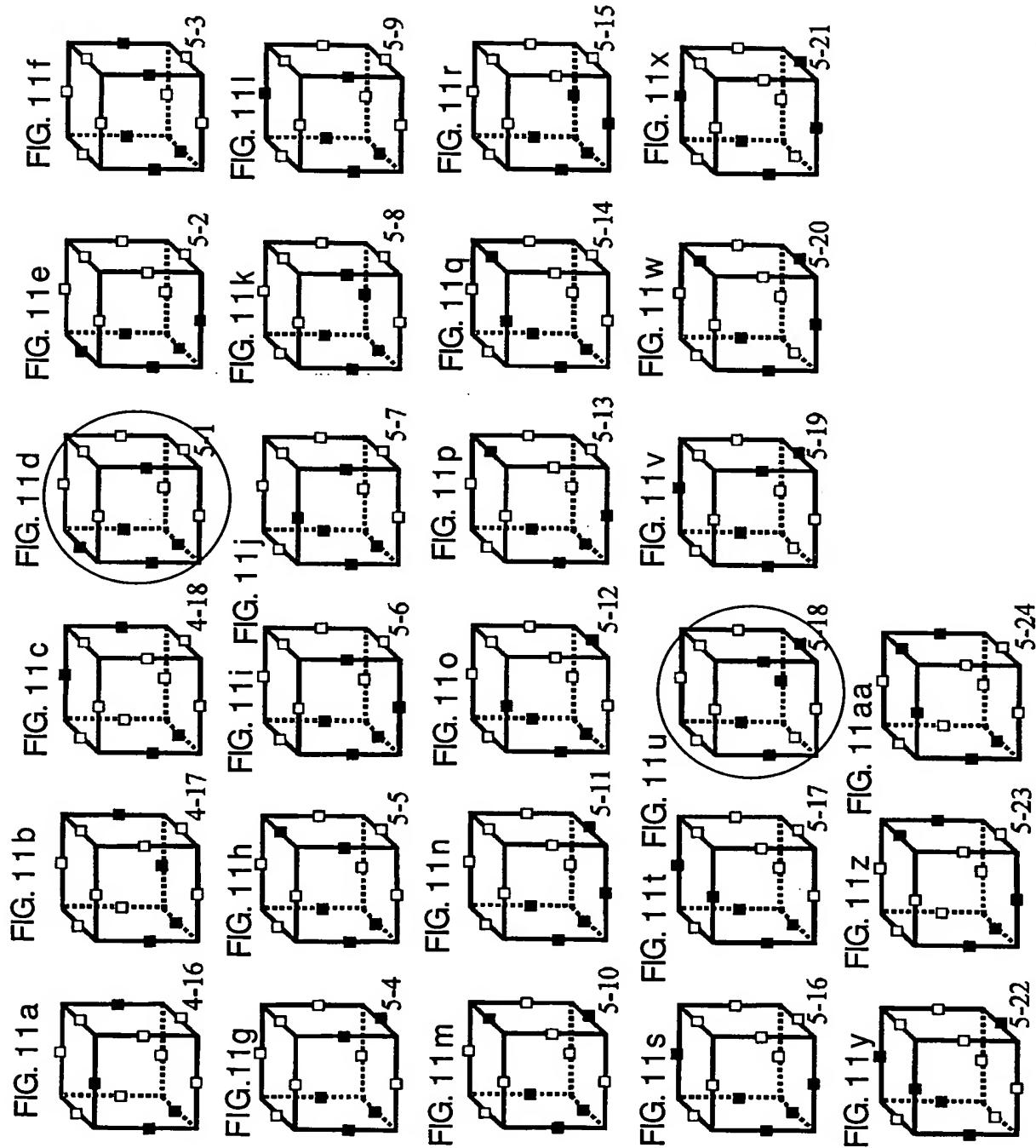




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2024-07-10 07:50:11 (EST) 2024-07-10 07:50:11 (EST)

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2006 JUN 03 07:22:14.000

11/15

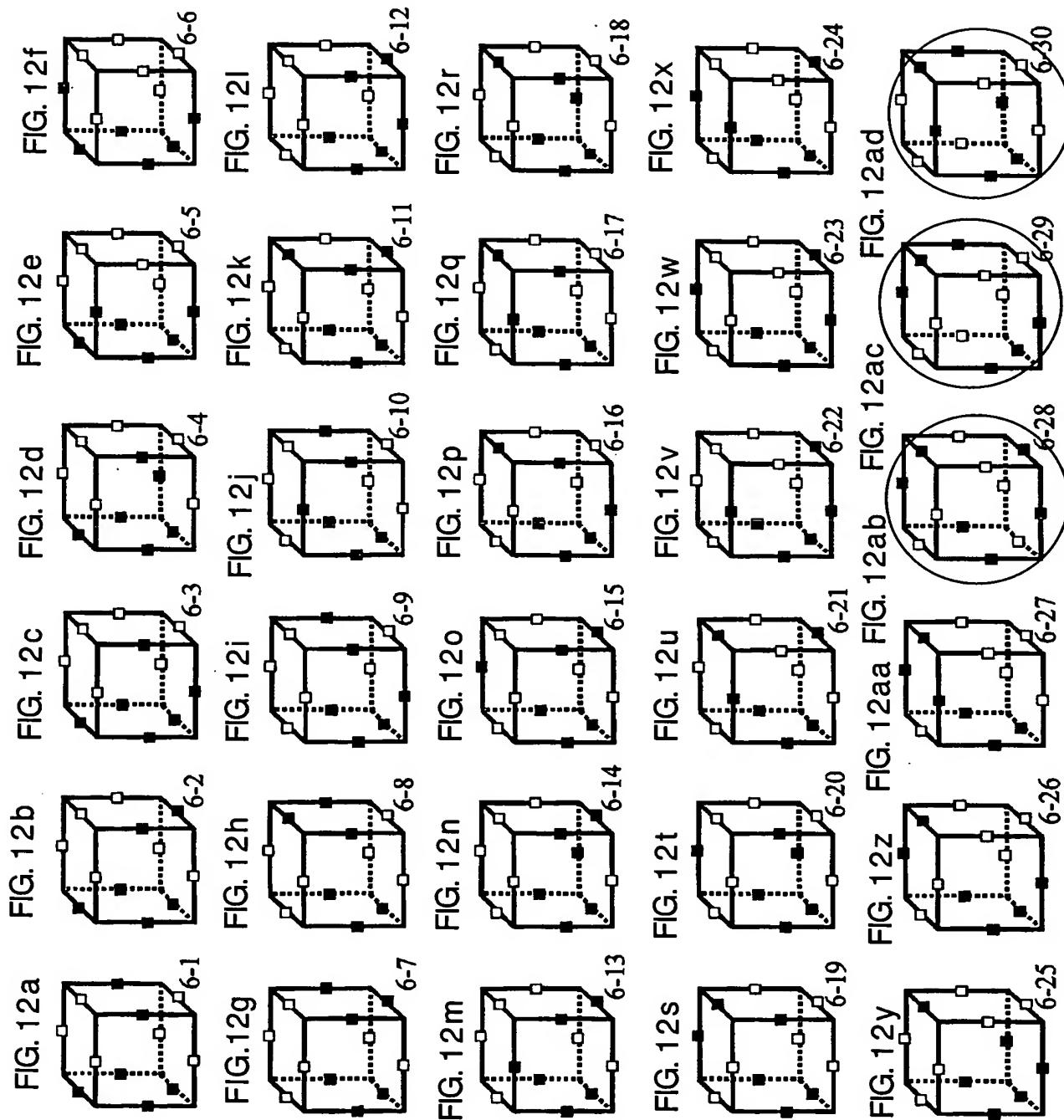


FIG. 13

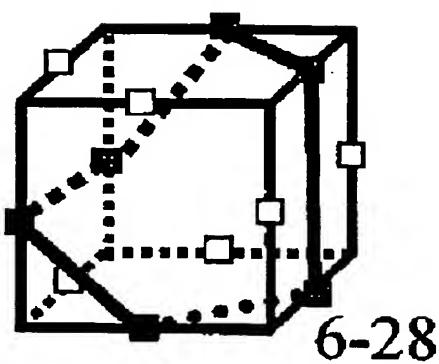


FIG. 14

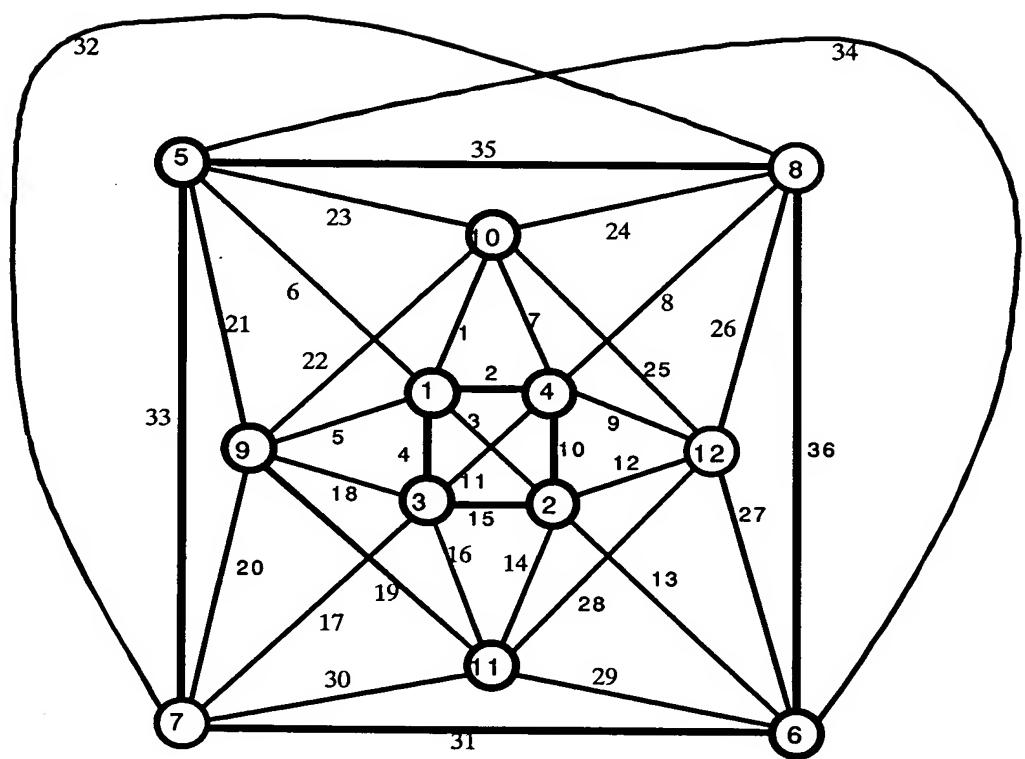


FIG. 15

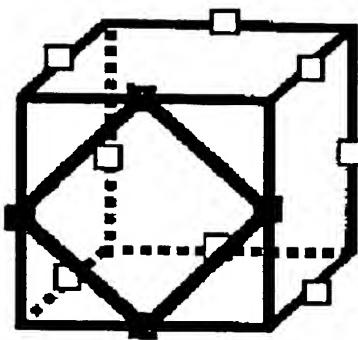


FIG. 16a

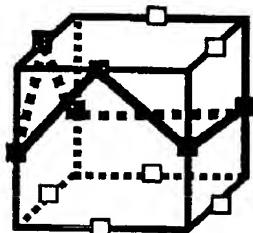


FIG. 16b

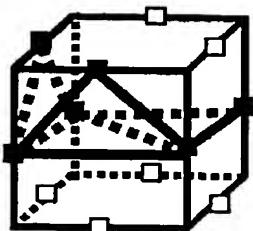


FIG. 16c

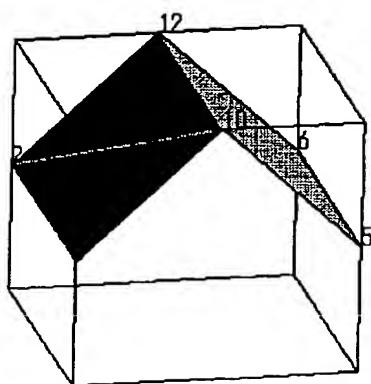
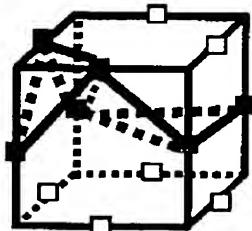


FIG. 16d

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FIG. 17

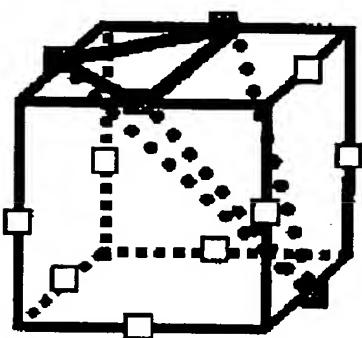


FIG. 18a

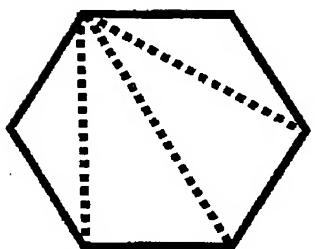


FIG. 18b

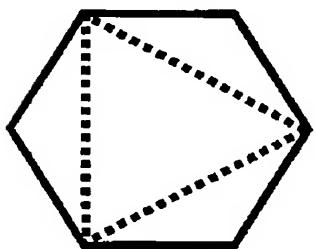


FIG. 18c

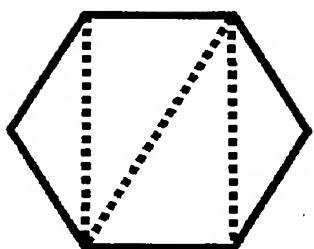


FIG. 19b

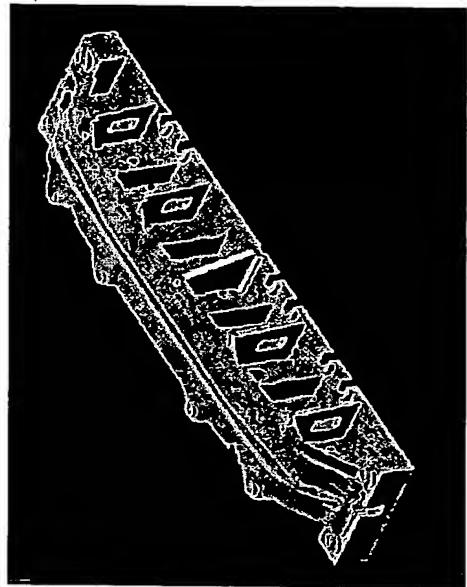


FIG. 19d

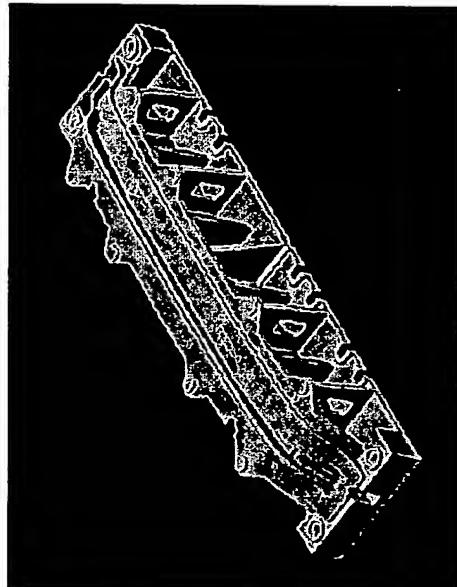


FIG. 19a

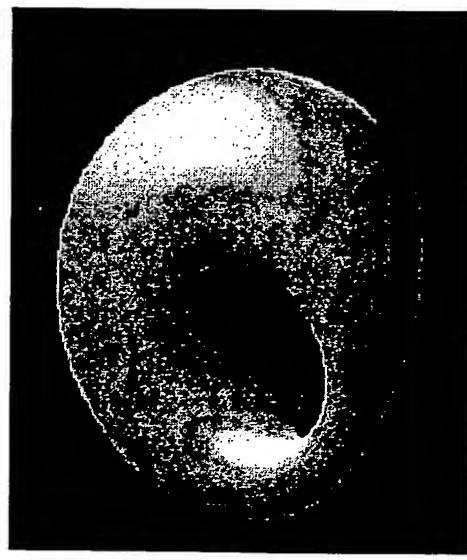
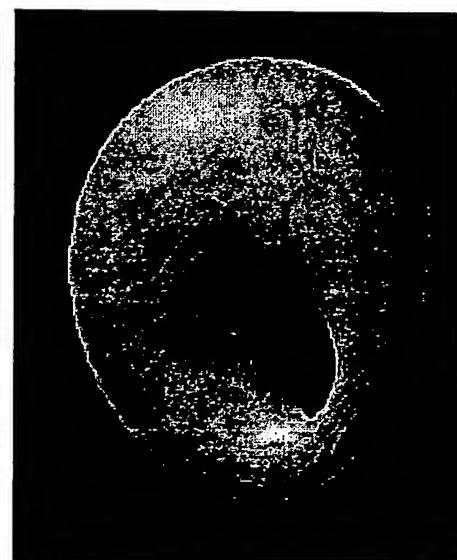


FIG. 19c



Reconstruction using partitions of the closed loop type.

B-rep data: (a)A cyclide surface, (b )A die from TSUBAMEX.

Reconstructions with partitions inside ( c ) $64*64$  cells and ( d ) $512*512*512$  cells.

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